

Title (en)
ACTIVE HYDRAULICALLY DAMPING MOTOR MOUNTING

Publication
EP 0347750 B1 19920527 (DE)

Application
EP 89110870 A 19890615

Priority
DE 3820818 A 19880620

Abstract (en)
[origin: EP0347750A2] To optimise acoustic insulation in an active hydraulically dampened motor mounting with a working chamber and a compensating chamber which are separated from one another by a rigid intermediate plate with a transfer passage and are filled with an electroviscous fluid as working fluid, provision is made according to the invention that the transfer passage (9) is in each case closed off at its outlet openings to the working chamber (1) and to the compensating chamber (6) by in each case a rubber-elastic wall (10, 11) and is filled with a low-viscosity fluid, and that mounted floatingly in a central through hole (12) of the intermediate plate (5) is a solid decoupling plate (13) having the shape of a circular disc, the diameter of which is smaller than that of the hole (12) in order to form a transfer gap (14) and that the walls bounding the gap are designed as electrodes (17, 20) for the application of a high voltage. <IMAGE>

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IPC 8 full level
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